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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Pausch, Mark H.

Serial No.

08/816,011

Filed

March 11, 1997

For

:

Potassium Channels, Nucleotide Sequences Encoding Them, and Methods of Using Same

Examiner

:

Pak, Michael

Group Art Unit

:

1646



July 20, 1998

Hon. Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This is in response to Paragraph 1 of the Office Action mailed September 3, 1997 setting forth a restriction requirement.

The Examiner has imposed a restriction requirement as follows: Group I - Claims 1-33 and 36-39, drawn to a potassium channel, an isolated nucleotide sequence, an expression vector, a transformed yeast cell, a kit and a method of assaying substances to determine effects on cell growth; Group II - Claim 34, drawn to a method of modulating the activity of the potassium channel; Group III - Claim 35, drawn to a method of modulating cardiac activity; Group IV - Claim 40, drawn to a method of chromosome mapping; Group V - Claim 41, drawn to a transgenic animal.

Applicants hereby elect to proceed with the prosecution of the invention of Group I, Claims 1-33 and 36-39.

Applicants reserve their right to pursue the subject matter of Claims 34, 35, 40, and 41 by the filing of one or more divisional applications. Please cancel Claims 34, 35, 40, and 41, ✓ without prejudice.

Respectfully submitted,



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CERTIFICATION UNDER 37 C.F.R. 1.8(a)

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

7/20/98

Date

Christine White

Christine White